



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 9/7/11

ROUTE FAI 57 DESCRIPTION Windsor Road over FAI 57 LOGGED BY RRW

SECTION (10-32HB-2)BY LOCATION NW, SEC. 21, TWP. 19N, RNG. 8E, 3rd PM GPS:

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0176
Station 25+17.14
BORING NO. 3 Pier
Station 25+24
Offset 17.0 ft Lt.
Ground Surface Elev. 713.7 ft

| DEPTH (ft) | BLOW COUNT (blows/ft) | UNCONSOLIDATED SOIL TESTS (UCS) | MOISTURE (%) | DESCRIPTION | DEPTH (ft) | BLOW COUNT (blows/ft) | UNCONSOLIDATED SOIL TESTS (UCS) | MOISTURE (%) | DESCRIPTION |
|------------|-----------------------|---------------------------------|--------------|-----------------------|------------|-----------------------|---------------------------------|--------------|--|
| 0 | | | | Brown Sandy Clay Loam | 0 | | | | Gray Sandy Clay Loam Till with Intermittent Layers of Silt (continued) |
| 5 | | | | | 5 | | | | |
| 6 | 4.7 | 11 | | | 6 | 9 | | | |
| 8 | B | | | | 8 | 10 | | | |
| 10 | | | | | 10 | | | | |
| 10 | 2.8 | | | | 10 | | | | |
| 10 | E | | | | 10 | | | | |
| 5 | | | | | 5 | | | | |
| 9 | 2.8 | 10 | | | 9 | 9 | | | |
| 8 | S | | | | 8 | 12 | | | |
| 3 | | | | | 3 | | | | |
| 7 | 4.5 | 12 | | | 7 | 7 | | | |
| 11 | B | | | | 11 | 2.7 | 12 | | |
| 6 | | | | | 6 | 4 | | | |
| 9 | 6.8 | 9 | | | 9 | 11 | B | | |
| 10 | B | | | | 10 | | | | |
| 5 | | | | | 5 | | | | |
| 7 | 2.9 | 12 | | | 7 | | | | |
| 8 | B | | | | 8 | | | | |
| 4 | | | | | 4 | | | | |
| 8 | 5.6 | 12 | | | 8 | 5 | 2.5 | 12 | |
| 8 | B | | | | 8 | 10 | B | | |

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



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|------------|-----------------------|---------------------------------|--------------|--|------------|-----------------------|---------------------------------|--------------|-------------|
| 0 | | | | Gray Sandy Clay Loam Till with Intermittent Layers of Silt (continued) | 0 | | | | |
| 5 | | | | | 5 | | | | |
| 6 | 4.7 | 11 | | | 6 | 9 | | | |
| 8 | B | | | | 8 | 10 | | | |
| 10 | | | | | 10 | | | | |
| 10 | 2.8 | | | | 10 | | | | |
| 10 | E | | | | 10 | | | | |
| 5 | | | | | 5 | | | | |
| 9 | 2.8 | 10 | | | 9 | 9 | | | |
| 8 | S | | | | 8 | 12 | | | |
| 3 | | | | | 3 | | | | |
| 7 | 4.5 | 12 | | | 7 | 7 | | | |
| 11 | B | | | | 11 | 2.7 | 12 | | |
| 6 | | | | | 6 | 4 | | | |
| 9 | 6.8 | 9 | | | 9 | 11 | B | | |
| 10 | B | | | | 10 | | | | |
| 5 | | | | | 5 | | | | |
| 7 | 2.9 | 12 | | | 7 | | | | |
| 8 | B | | | | 8 | | | | |
| 4 | | | | | 4 | | | | |
| 8 | 5.6 | 12 | | | 8 | 5 | 2.5 | 12 | |
| 8 | B | | | | 8 | 10 | B | | |

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BBS, from 137 (Rev. 8-99)

FILE NAME = 71099_025-hor-ingudgn
CB PROJECT NO. 09070-7

Coombe-Bloxdorf P.C.
- CIVIL ENGINEERS -
- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
Design Firm License No. 184-002703

| | | |
|-----------------------------------|-------------------|-----------|
| USER NAME = .MML. | DESIGNED - GJB | REVISED - |
| CHECKED - RKM | REVISED - | |
| PLOT SCALE = 0:2.000000 '1' / IN. | DRAWN - CFC | REVISED - |
| PLOT DATE = 8/10/2012 | CHECKED - RKM/MCB | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS
STRUCTURE NO. 010-0291**

SHEET NO. 27 OF 27 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------------|-----------|---------------------------|-----------|
| 57 | (10-32HB-2)BY | CHAMPAIGN | 81 | 65 |
| CONTRACT NO. 70109 | | | ILLINOIS FED. AID PROJECT | |